

Date: Wed, 13 Apr 94 04:30:24 PDT
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V94 #102
To: Ham-Ant

Ham-Ant Digest Wed, 13 Apr 94 Volume 94 : Issue 102

Today's Topics:

 ---TUNER ADVICE NEEDED---
 40 meter portable antenna
 Getting ladder line out of the shack
 Is that all there is to a G5RV?

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 12 Apr 1994 20:56:25 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!paladin.american.edu!hookup!news2.sprintlink.net!
news.sprintlink.net!indirect.com!kg7bk@network.ucsd.edu
Subject: ---TUNER ADVICE NEEDED---
To: ham-ant@ucsd.edu

JimN00CT (jimn0oct@aol.com) wrote:

: As for baluns, avoid core baluns at all cost. Use a "ferrite core over coax"
: or what is also known as a W2DU balun--they won't saturate.
: good luck & 73, de JimN00CT

Jerry Sevick's recent balun articles in CQ would tend to disagree with you.
I personally cannot decide which is better, ferrite cores over coax, voltage
core baluns, or current core baluns. I've got one of each and they all
perform well.

73, Cecil, kg7bk@indirect.com

Date: Tue, 12 Apr 1994 15:23:36 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!cs.uoregon.edu!reuter.cse.ogi.edu!
netnews.nwnet.net!raven.alaska.edu!acad2.alaska.edu!auchd@network.ucsd.edu
Subject: 40 meter portable antenna
To: ham-ant@ucsd.edu

I will be travelling on a business trip down south at the end of this month. I am taking my MFJ-9040 with me, along with a lead acid battery for power. I would like to take a portable antenna that won't require the use of a tuner, but then again, a dipole for 7.125 mhz will probably be too big to use in a hotel room. Does anybody have any ideas or suggestions? Wouldn't mind using a trap verticle if I had the quick and dirty specs on how to make it.

AUCHD@ALASKA.BITNET
WL7NO
James Wiedle
(Aliases are us....)

Date: 12 Apr 1994 19:39:41 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!ncar!noao!math.arizona.edu!
news.Arizona.EDU!nelson.as.arizona.edu!hlester@network.ucsd.edu
Subject: Getting ladder line out of the shack
To: ham-ant@ucsd.edu

In article <2oedg8\$gff@hpcchase.rose.hp.com> cmoore@mothra.rose.hp.com (Chris Moore) writes:

>feedline, and I'm considering experimenting with it. The one thing I'm
>not sure about is how to get it from my shack (a converted bedroom) out
>to the outside. Coax is no problem - punch a hole in the wall and run

Chris, I punched a hole in my wall (ouch!) and inserted a length of pvc tubing, with slots cut into pvc end caps. Running the ladder line through the slots maintains the line's distance from the inner walls of the tubing. Cut the slots in the caps just right and you'll keep the bugs out, too. What inside diameter tubing should you use? Mine is 1" i.d. and I'm using 300 ohm ladder line (from The Wireman, of course!) that is 1/2" across. Works great, and is less filling.

Howard KE7QJ

Date: 13 Apr 94 05:26:20 GMT
From: agate!darkstar.UCSC.EDU!news.hal.COM!olivea!news.bu.edu!noc.near.net!
news.delphi.com!usenet@ucbvax.berkeley.edu
Subject: Is that all there is to a G5RV?
To: ham-ant@ucsd.edu

Michael D Brown <brown_mi@eisner.decus.org> writes:

>So I dig out the ARRL Handbook and I find a Multiband Dipole. "Similar to a
>G5RV..." the text says. It looks to me like a dipole with a horizontal section
>about 100' long fed in the center with 300/450 ohm twinlead. Is that it? I
>can make that one. Even my kid brother can make that one.

For the most part, yes.

That is it. However a balun is often used between the twin-lead
and the coaxial feedline. I like my g5rv, and will stick with it
for a while. If you are using a decent (un-fried) tuner, a nice
alternative is to use a balanced fed dipole. My only complaint
about the g5rv is that it has a tough time tuning on the extremes
such as 10m and 80m especially at the bottom of 80m cw subband.

The stub-type matching section is actually part of the feedline, and
you have to give Lou Varney credit, he devised a serviceable antenna
with a minimum of high tech tools.

It is not a magic device, and will not cure a poor location,
undersized tuner, or shaky finals. It will get you on the air
and that is what it is all about.

good luck

pete
n1qdg

End of Ham-Ant Digest V94 #102
